

# TE-PUFPLUS Hi-Vol PAH Air Sample Data Form

Sample Information

Full Site Name: Burns harbor - Port of Indiana

Site Abbreviation BHP

Deployment No. 18 M

Field Deployment and Recovery

Field Deployment Technician Name Scott Keller Setup Date/Time 7/19/21 11:40

Sample Run Date 7/20/21 Flow Conditions should be STD. Flow Rate should be 225 liters/min.

Once all necessary fields in Timer screen have been set, 3 things should happen:

- ☒ Green power light should start to blink;
- ☒ Timer countdown should start indicating when sampling run will commence;
- ☒ Status on main screen should change to "Waiting".

Field Recovery Technician Name Scott Keller Recovery Date/Time 7/21/21 7:40

Q <sub>Std</sub> Avg Flow (liters/min)	<u>208</u>	Actual Start Date/Time	<u>7/20/21 0:00</u>
CV	<u>1.79</u>	Actual Stop Date/Time	<u>7/21/21 0:00</u>
Q <sub>Std</sub> Volume (m <sup>3</sup> )	<u>299.64</u>	T <sub>amb</sub> Avg (°C)	<u>24.2</u>
Elapsed Time (HH:MM)	<u>24:00</u>	P <sub>amb</sub> Avg (mmHg)	<u>746</u>
Flags? Expected flags: Completed, Q <sub>Std</sub>			

Sample Status: VALID VOID (circle one) VOID Reason: \_\_\_\_\_

Site Observations

Run Day Temperatures: High 83 Low 64 Source: Weather Channel

Run Day Precipitation: 0

Run Day Wind/Wind Direction: WNW 5mph

Run Day Sky Cover: Sunny

Unusual Events? (fires, major storms, construction, etc.): \_\_\_\_\_

Maintenance

Check all that apply.

Weekly Checks:

- ☒ Power cords/plugs ok?
- ☒ Gaskets ok?
- ☒ Shelter ok?
- ☒ Tubing ok?
- ☒ Timer ok?
- ☒ Debris removed?

Monthly Checks: (after 5<sup>th</sup> sample run of the month)

- ☐ Sampling head cleaned with Kim wipes?
- ☐ Pictures of site logbook taken?
- ☐ Completed TE-PUFPLUS One-Point Flow Check Form?
- ☐ Temperature sensors within  $\pm 2^{\circ}\text{C}$  of transfer standard?
- ☐ Pressure sensor within  $\pm 10$  mmHg of transfer standard?
- ☐ One-point flow verification within  $\pm 10\%$  of Q<sub>Std</sub> PUFPLUS ( $0.225 \frac{\text{m}^3}{\text{min}}$ )?

Maintenance Notes: